

Abstract Submitted  
for the APR09 Meeting of  
The American Physical Society

**Infusing Renewable Energy Concepts into a Teacher Prep Graduate Course** RUWANG SUNG, University of Northern Colorado — Energy and renewable energy concepts have been systematically incorporated into an on-line graduate course, “Energy for Today and Tomorrow”, for in-service science teachers. Students learn fundamental physics principles and laws through study of various forms of energy, energy conversion, conservation of energy and renewable energy basics. The effectiveness of this approach will be discussed, as well as the course content materials, delivery method, and student research papers which relate to their experience of promoting renewable energy in K-12 education and the community.

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Date submitted: 12 Jan 2009

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